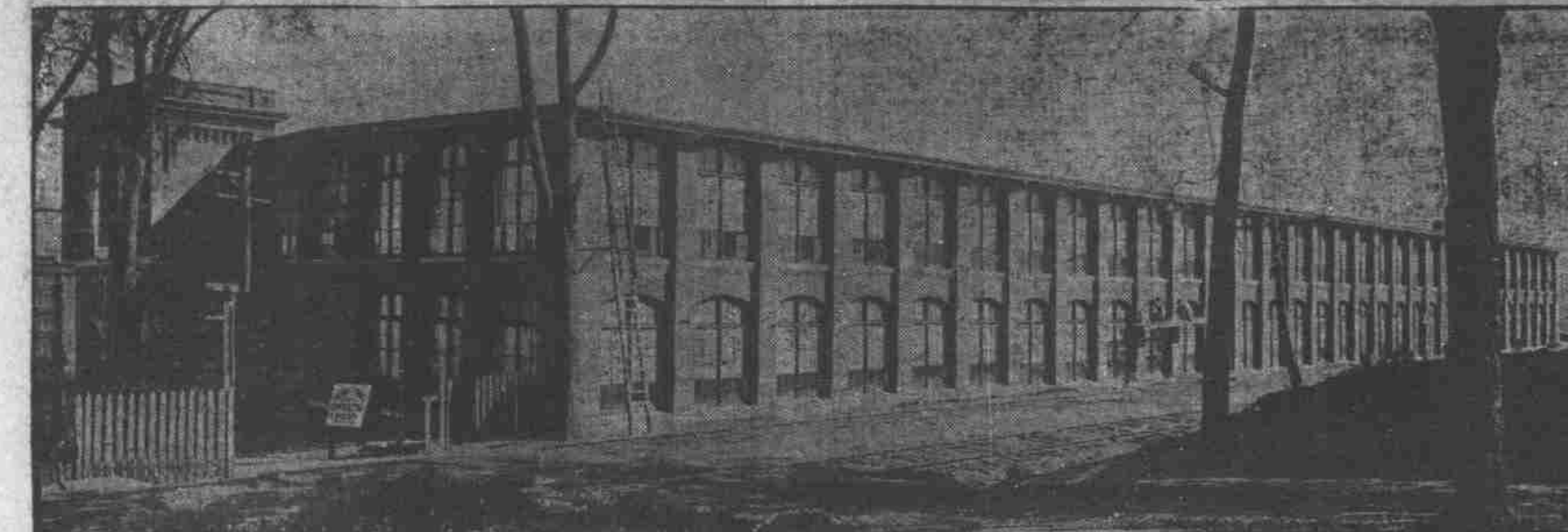


BUILDING ACTIVITY IN EASTERN CONNECTICUT



NEW WEAVE SHED OF SHETUCKET COMPANY

The Shetucket weave shed which has just been completed by Contractor Archibald Torrance, is two stories high and is made of brick material. The outside length of the new addition is 958 feet and width 35 feet, and the height about 40 feet at the

tower and 31 feet elsewhere. The front elevation of the mill has 45 windows in all, 32 on the first floor and 13 on the second floor. There are 64 windows on the rear elevation, 32 on each floor. The east end has 13 windows, including the tower and the west end has 10 windows, making a total of 102 windows in the whole

building. At each window frame is 8 feet 4 inches and about 12 feet high, each window containing about 16 panes of glass, there will be plenty of light. The main entrance to the mill is located in the tower. A trussed bridge, 19x10, connects the new weave shed with No. 3 mill and at each end of the bridge are

fire proof doors. The mill will be equipped with electric motors, like other departments in the plant, the electric power being generated by the company's own generators. The new building will be used entirely for weaving purposes and is one of the important improvements which has been made at this plant.

BUILDING AND BUSINESS

Operations Throughout the State During the Past Week.

The most conspicuous feature of the week is the phenomenal increase in the volume of real estate transactions, the record of sales for the week in the towns reported in The Commercial Record never before having been reached. A total of 526 sets a new high mark in real estate sales. These figures compare with 385 sales for the like week of last year. Mortgage loans aggregated \$2,397,665 for the week, against \$1,114,594 a year ago.

New incorporations in this state to the number of 13 were reported last week, having authorized capitalization of \$69,000. This is a better record than for the same week of a number of years past.

But two petitions in bankruptcy were filed during the week with assets of \$227 and liabilities of \$6,011. Last year's record for the same week was five petitions, with assets of \$24,434 and liabilities of \$59,584.

Building permits issued in the cities of New Haven, Bridgeport, Hartford, Waterbury, New Britain and Stamford during the week numbered 165, for buildings costing \$442,190. New Haven presents a small total, due to unsettled labor conditions. The record for the corresponding week of 1915 was 142 permits, for buildings to cost \$584,580.

Many new plans are reported for the week, among them being a factory in Stratford, store and apartment blocks in New Britain and New London, rectory in Middletown, armory in New Haven, residences in Hartford and Branford, business block in Norwich, stone plant in New London, garage in Waterbury, apartment block in Bridgeport, schoolhouse in New Britain, and houses for one, two and six families in Hartford, Bridgeport, New Britain and Norwich.

Some of the contracts awarded during the week are bank building in Greenwich, residences in Hartford and Waterbury, large barns in Hartford and New London, factory in New London, business blocks in Hartford and Norwich, loft building in Norwich, store and tenement building in Bridgeport, freight station in Waterbury, garage in Hartford, and a large number of frame houses in New Haven, Bridgeport, Hartford, New Britain, Norwich, Stamford and Bristol.

Norwich had nine real estate sales during the past week to 14 a year ago. The mortgage loans for the respective weeks were \$1,154,000 and \$1,050,000. In New London there were 15 sales of realty last week to eleven a year ago. Loans amounting to \$38,025 and \$21,907 were recorded during the respective weeks.

PLUMBING AND GAS FITTING

Statistics of building and engineering operations in New England compiled by The F. W. Dodge Company:

Contracts to May 17, 1915..	\$75,393,000
Contracts to May 17, 1916..	\$6,314,000
Contracts to May 17, 1914..	\$3,921,000
Contracts to May 17, 1913..	\$1,251,000
Contracts to May 17, 1912..	\$8,562,000
Contracts to May 17, 1911..	\$5,790,000
Contracts to May 17, 1910..	\$2,236,000
Contracts to May 17, 1909..	\$7,088,000
Contracts to May 17, 1908..	\$1,350,000

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67 West Main Street

Robert J. Cochran
GAS FITTING, PLUMBING, STEAM FITTING,
10 West Main Street, Norwich, Conn.
Agent for N. B. O. Sheet Packing.

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32 Franklin Street

BLOCK FOR WASHINGTON SQUARE

Three Story Structure to be Erected by Abraham Cramer—
New Houses to be Erected by Caesar Del Carlo and F. L. Lathrop—Other Work Nearing Completion.

Abraham Cramer of Thames street is having plans made for a three-story brick building to be erected on Washington square just west of the stairs leading to School street. The building will be 37 feet in front and will run back 78 feet. On the first floor there will be accommodations for good sized stores and the two upper floors will be rented for tenement purposes.

The building will be trimmed with terra cotta and the stores will have electric light, steam heat and other modern improvements. The floors will be of hard wood. George E. Pitcher is drawing the plans for the building.

Plant at Massapeag.
Plans have been made for the proposed plant to be established at the Massapeag on the Thames river where the New London and Stone Co. of which Dr. D. G. S. Allen is at the head. The buildings will consist of a crusher, power house, wharf, bins.

Plans Nearly Done.
The plans for the business block which Mrs. Ellen Murphy will erect at the corner of West Main street and North Thames street will be completed in a day or so. The building will be 30x70 feet and will be made of brick material. There will be stores on the first floor and the upper portions will be rented for tenement purposes. The stores will have metal ceilings, and plate glass windows, with plate glass and electric light. Architects Cudworth and Thompson are working on the plans.

Sub-contracts.
C. M. Williams, who has the contract for the Palmetto school house, has awarded sub-contracts as follows: Plumbing, J. P. Barrett & Co. electrical work, Norwich Electrical Co.; tiling, New London Decorative Co. The work on the building is advancing.

Exterior Work Done.
The plastering on the first floor in the building which Mrs. Annie Cunningham is erecting on Franklin street is completed. The exterior work is all completed and the interior work is well underway. Contractor Thomas P. Craney is doing the work.

Foundation Done.
The foundation for the Norwich Chamber of Commerce building on Main street which will be a brick high, of brick material, and which Charles A. Hagberg and Ambrose Sullivan are erecting, is practically all completed.

Receiving Vault Foundation.
The foundation is all in for the receiving vault which is being erected at Maplewood cemetery. The side walls are now being constructed. Contractors McWilliams & Co. are doing the work.

Remodeling About Done.
The building which G. Lacavera of Central avenue is remodeling into a store is practically completed. The exterior is all finished and the interior will be ready for occupancy in a short while. Shelves and other fixtures are now being erected.

Bungalow Finished.
The bungalow of Dr. F. D. Coles on Port street is all completed and Dr. Coles has moved into it.

MIDDLETOWN.
Architects have completed plans for the new clubhouse to be erected on Main street for St. Aloysius Y. M. C. A. society. It will be a brick building, 55x80 feet, three stories high, and basement with a slag roof, galvanized iron cornice, steam heat, modern plumbing, electric wiring, and bowling alleys will be provided.

Architects have been commissioned to prepare plans for the new rectory to be erected on Main street for the St. Francis R. C. church. It will be 33x43 feet, of frame and stucco construction.

Joseph S. Annino has just completed the concrete floor and driveway for Charles Conlin's new garage on Liberty street. He also has the contract for the concrete walks in front of Joseph Valeri's block on Main street. He is prepared to submit estimates for making a row of 25 kinds. Mr. Annino has just completed two new barns and a garage for his business at 9 North Main street.

OLD SAYBROOK.
The F. W. Merrill Bottling Co. has broken ground at the D. S. Spencer place at Oyster River and will erect a cement building two stories high and 23 by 75 feet. All the latest machinery will be installed to make the plant a first-class one. This institution was started a year ago on a small scale and had more business than it could handle comfortably, so the company was formed to fill the requirements of the demand.

Store Windows and Doors In.
The window and door frames in the building which Emil Fox is having remodeled into stores on Franklin street, opposite the Hopkins & Allen Co., have been set.

Two Houses Nearing Completion.
Two of the houses Caesar Del Carlo is erecting on the Thames river are fast reaching the completion stage. One of the houses is all ready for plaster and the plastering will be started in a day or so. The other is practically all lathed and plastering will be started next week. The electric wiring and plumbing has been finished on both houses. Contractor Charles I. Rathbun is doing the work.

Eight-room Cottage.
Work will be started the first of next week on an eight-room cottage for Caesar Del Carlo to be erected on Flaming avenue. The house will be two stories high and will be 28x36 feet. There will be four rooms downstairs and four upstairs, with bath and closets. The exterior will be of chestnut in some rooms andypress in others. The floors will be laid of maple, hard pine and quartered oak. There will be a veranda 8x25 feet around the front and the outside of the house will be shingled. Inside there will be installed steam heat and electric lights and other improvements. Contractor Charles Rathbun will do the work.

Will Start Today.
Work will be started today on the double-deck veranda Sisson & Young will erect on the building owned by the Nolan Bros. on Railroad street in Baltic.

Working on Schoolhouse.
Stationer & Young have finished two houses at Fishers Island and have a third nearly completed. They are also erecting a schoolhouse and the work on this building is well advanced.

West Main Street Cottage.
F. L. Lathrop is making plans for the remodeling of a barn into an eight-room cottage off West Main street. The plan calls for a two-story house with four rooms downstairs and four upstairs. The exterior will be finished in hard wood and the interior will have all the latest improvements. A veranda 24x35 feet will be erected on the front of the cottage.

Will be Finished This Week.
The work on the annex the Carpenter Manufacturing Co. are erecting on Norton street will be completed at the end of the week. Contractor Charles R. Browning is in charge of the work.

Watercourse Avenue House.
The house Gilbert Bowers is erecting on Watercourse avenue is nearing the completion stage. The exterior work is practically all completed and the interior work is well advanced. The plumbing and electrical work is all finished.

New Garage.
D. L. Browning has completed the work on a garage for Louis A. Wheeler at the corner of West Thames street and Spring Garden avenue. The garage is a single story building and is 14x30 feet.

Barn to Be Built.
Work was started Wednesday for a barn to be built for L. L. Lathrop on Spring Garden street. The barn will be 28x24 feet.

WILLIMANTIC.
Work will be started at once on the addition to the plant of the American Thread Co. It will be a brick building 72x70 feet, three stories high, connecting present mills Nos. 5 and 6 on Windham road. The work will be done by the engineering department of the company.

Arthur E. Brainerd of Somersville has recently sold a tract of land at Main street to a company to parties who are to form a company to erect a new garage. Plans are being prepared for a two-story brick or concrete building, which is about 50x120 feet. Some of those who are interested are: John L. Leonard, Jr., Morris Leonard, Arthur B. Small, Pierre Gagnon.

SOUTH MANCHESTER.
Edward C. Elliott, Jr., has been awarded the contract for a frame block to be erected on Hill street for William Wright. It will be two stories high, arranged for four tenements of five rooms each.

Edward C. Elliott, Jr., has been awarded the contract for a one-family house to be erected on Flaxbury street for John Chulow. All modern improvements will be provided.

Herman Schult has been awarded the contract for a frame bungalow to be erected on Center street for Patrick Donahue. Furnace heat and electric lights will be provided.

McRobbie & Norris have the contract to erect a frame house on Hemlock street for James Adamson. Plumbing, furnace heat, etc., will be

installed. The State Trade School has contracted with Cheney Bros. for the erection of a new house on Eldridge street. It will be of frame construction, arranged for the erection of a carpenter work will be done by the boys at the school.

Vennert Bros. have started work on the building which Emil Fox is having remodeled into stores on Franklin street for George Murdoch. It will be 32x44 feet, provided for two tenements, with modern improvements.

William McCormick has started work on the erection of a new house on Lincoln street. It will be arranged for two tenements with all modern conveniences.

Gustave Schriber has been awarded the contract for a new house to be erected on Bridge street for Rudolph Van Scott. It will be arranged for two tenements with all modern conveniences.

Frank M. Robinson has the contract to erect a cottage at Homestead Park for Michael Kajuste. It will be 18x26 feet, two stories high.

George T. Coleman has been awarded the contract for the erection of a new house on Oak street for Joseph Ruddle. It will be 34x43 feet, arranged for two tenements.

This week in the last of the work on the erection of a new house for himself on Middle Turnpike. It will be 20x40 feet, arranged for two tenements.

NEW LONDON.
State Pier Buildings.
Plans and specifications for the superstructure of the state steamship terminal at East New London have been completed and advertisements for construction bids were inserted in the local papers.

The building of the superstructure is the final detail in the construction of the great ocean terminal, which is being purchased by the state. The step yet taken in the development of maritime interests of Connecticut.

The erection of warehouses, sheds and other buildings in the terminal system, which will be of what is known as the free-resisting type. The entire superstructure will be equipped with an automatic fire alarm system.

Nine New Houses.
Nine good sized building lots on Blydenburg avenue and Linden street the property of Raymond Atwood have been purchased by Adolph Periroth of New Haven.

Mr. Periroth will at once have nine two-family houses erected on these lots. The houses will be of the type of the houses has been let to Ryan & Daniele of this city and the other contracts will be let soon.

Bank Street Block.
Plans have been made by L. Eugene Conway, corner Slater and Bank streets for a block to be erected at the corner of Bank and Truman streets for Vincenzo Caracausa. The building will be three stories high, with a brick roof on three sides, and gravel roof. On the ground floor there will be two stores, with metal ceilings and plate glass fronts, and on the upper floors there will be four apartments of four rooms each. These will have tiled baths and wainscoting, with tiled vestibules on the first floor. There will also be a steam heating system and electric lights.

Notes.
Contractor Joseph A. Dolan has started work on the proposed storehouse at the plant of the New London Ship & Engine Co. at Groton. The building will be 40x135 feet, with a roof of steel and will cost about \$19,000.

Building Large Barn.
The H. R. Douglas, Inc. has the new barn at the plant of the New London Ship & Engine Co. at Groton. The building is 40x135 feet, with an ell, 21x55 feet, constructed of hollow tile blocks, with a roof of steel and will cost about \$19,000.

Marble Pergola.
Contractor H. R. Douglas has been awarded a contract for the construction of a \$20,000 pergola on the grounds of Branford house, Commodore Morton P. Plant's estate at East-erna Point. The pergola, which is to be located in the midst of the new sunken garden under construction, will be built of Italian marble columns, with a tiled floor of special design, a tiled roof and pergola rafters, and will be one of the handsomest in the state.

AGRICULTURAL INTERESTS

SPRAYING FRUIT TREES.

Should Not Be Done When They are in Full Bloom.

Fruit trees should not be sprayed when in full bloom because the spray material causes injury to the tender parts of the flower. In addition to this the bees and insects which aid in fertilization may be injured writes S. S. Hester of the Horticultural Department at the Connecticut Agricultural College. Disregarding these considerations the fruits at the time of full bloom are too small to receive much benefit from spraying.

Apples are sprayed after the petals fall for two purposes. First, to control insects such as codling moth, tent caterpillar and canker worm. Secondly, to control fungous diseases. For the control of insects arsenate of lead is most commonly used as a poison.

From two to three pounds of the paste or from one to one and one-half pounds of the arsenate of lead should be mixed with fifty gallons of water. For the control of the fungous troubles we may use either Dine Lime Sulphur Solution, Bordeaux Mixture, Fyrox or other commercial fungicides. The price of copper sulphate is so high as to almost prohibit the use of Bordeaux Mixture this year.

By combining the arsenate of lead with the lime sulphur we have a spray material which will control both the insects and the fungous diseases. To make this mixture, mix from one gallon to a gallon and a half of the lime sulphur with the water in a fifty gallon barrel. The trees are affected by the arsenate of lead thoroughly with a little water. Add this to the liquid in the barrel. The trees are affected by the arsenate of lead thoroughly with a little water. Add this to the liquid in the barrel. The trees are affected by the arsenate of lead thoroughly with a little water. Add this to the liquid in the barrel.

About ten days or two weeks after the trees are sprayed should be sprayed with the same materials for the same troubles.

Great care should be taken when spraying the spray to force it into the bloom and of the apples and to cover the entire surface of the small fruit as well as the foliage of the tree. Thoroughness at this time should produce fruit 80 per cent free from codling moth at harvest time.

The pear and quince should receive the same spraying as the apple.

HOW TO KILL CUT WORMS.

Colorado Professor Has Formula That is Guaranteed to Eliminate the Pests.

C. P. Gillett of the Colorado agricultural college has some helpful suggestions on treating the cut worm pest.

Every season farmers are troubled seriously by the ravages of the cut worm. The adult insect which deposits the eggs, the produce these worms is the familiar dark-colored moth or miller that frequents our dwellings during the months of May and June, where it accumulates upon the windows and about the lamps. The eggs are deposited by these moths almost entirely upon green vegetation, where they hatch, and the worms are usually about half grown when cold weather comes on. They then hibernates and come from their overwintered quarters in the early spring to attack the earliest vegetation that starts in the fields.

Where these worms are very abundant, especially where they take on the migrating habit, they may be destroyed in great numbers by the use of the arsenic bran mash preparation such as is used for the destruction of grasshoppers. It is prepared in the following proportions: Paris green, three pounds; bran, 50 pounds; cheap syrup, four quarts; lemons or oranges, 10. Mix the paris green and bran together while dry; dissolve the syrup in the water; squeeze the lemons into this, and finely chop the peel and pulp and add them also; pour this mixture into the bran and paris green and stir so as to dampen the mash thoroughly. The lemons may be prepared by putting them through a meat grinder. Distribute the mixture broadcast in as fine particles as possible where the cut worms are most abundant. The application should be made in the evening or early dawn, between 4 and 7 o'clock in the morning. From three to five pounds of dry bran is usually sufficient for an acre of land, and the mash should be applied in little piles. For cut worms, distribute freely just ahead of the line where the damage is most apparent.

ALL ABOUT ALFALFA.

Reasons for Growing it and Hints on What Not to Do.

1. Alfalfa is pound for pound equal to thrashed oats.

2. It pays better to grow alfalfa than to buy mill feeds.

3. Alfalfa requires less work than is required to grow other farm crops.

4. Growing alfalfa, hays and clover need time, and alfalfa furnishes most time.

5. Alfalfa is the most drought resistant farm crop.

6. Alfalfa gives us most protein per acre.

7. Alfalfa does most to improve the soil because (a) it roots deepest; (b) it gathers and stores in the soil most nitrogen.

How to Grow Alfalfa.

Six alfalfa secrets:—

1. Good, well drained soil.

2. A good rich hard seed bed.

3. Plenty of the right kind of lime.

4. Good, acclimated, northern grown seed.

5. Don't sow on any but sweet, well-drained soil.

6. Don't sow on any but a well-prepared, well settled seed bed.

7. Don't pasture when wet.

8. Don't feed alfalfa as you do hay feed it as you do grain.

9. Don't spend your hard-earned money for protein feeds; grow alfalfa, clovers, Canada and cow peas and soy beans.

10. Don't use the leaves; they are the best part of the plant. Use hay caps.

11. Don't give up. Many prominent alfalfa growers succeeded after some failures.

From "Alfalfa for New England," Prof. A. D. Cromwell, published in report of Massachusetts state board of agriculture.

PEACHES AND SMALL FRUITS.

There are three troubles of the peach which can be controlled by spraying.

1—Curculio, an insect which punctures the fruit and causes wormy peaches and plums.

2—Peach scab or spot. This is a fungous disease which causes dark

spots, black blotches or even causes the fruit to crack open.

3—Brown rot.

The two diseases may be controlled by lime sulphur spray. Either use a very dilute commercial lime sulphur, one quart to fifty gallons of water or Scott's formula of uncooked lime sulphur. Scott's formula is prepared as follows:—

Use 3 pounds of sulphur and 8 pounds of lime. Slake the lime and add the sulphur sifted. Allow it to slake and boil for five minutes and then cool by adding cold water. Strain this into a fifty gallon spray barrel and add water to make fifty gallons of spray material.

For the insect enemies two pounds of arsenate of lead should be added to the lime sulphur solution.

Spray just after the shucks or calyxes fall. Spray against the trees once or two weeks and once or twice at intervals of ten days, using the poison only in the first two sprayings.

Fumig and cherries should be sprayed with the same materials that are used on the peach but care should be taken not to use the unboiled lime sulphur spray where the fruit is nearly grown or it will be stained.

Do not neglect to spray the gooseberries with dilute lime sulphur and arsenate of lead for mildew and currant worm.

PERCHERONS AT THE CONNECTICUT AGRICULTURAL COLLEGE.

Through an arrangement with S. D. Wicks, of Pomfret, the Farm Department has arranged to stand the imported Percheron stallion, Danbury, No. 88655 (92832) at the College for the present season. He is a well built, six year old black stallion, weighing 1700 pounds, has plenty of bone and should be of considerable value to the farmers of this section.

The two year old Percheron stallion, Dragon, Jr., which is being developed to head the College stud of Percherons, promises to be rather an exceptional animal. Good looking, and near him one of the good colts of the breed.

The fact that he is sired by Dragon, an international Grand Champion, and out of a daughter of Eudant, a Paris Grand Champion, gives us three valuable points to be considered in a sire, individual excellence backed up by immediate ancestry, and one of the best animals of the breed, the blood being further intensified from the fact that Dragon and Eudant are both of the same family. Dragon, Jr. This should give the colt unusual power to transmit his qualities to his posterity.

Two other sons of Dragon have been recently purchased by Connecticut parties. E. D. Curtis of Banham has purchased the blue roan yearling, near the well known mare Castile, and Paul Ney of Farmington, one from the reserve champion, St. Louis mare, Fauve.

The infusion of this blood into the horses on the farms of Connecticut should make a very decided advancement in the quality of the high class horses of a type that is always in demand.

HOGS.

Mineral Supplements to the Feeds are Continually Required.

The best information on the feeds available in the farmers' locality for pigs can be readily and accurately given by the state experiment station. Pigs make the best use of concentrates. These can be fed in a self-feeder and can be supplemented by various slaughterhouse, bakery, or table by-products, or by a ration of corn, clover, bur clover, rice, etc., makes very economical and efficient supplements for the growing pig.

In practically every farming district in the state, very cheap and efficient forage and grain crops are available for hog production. The growing of corn, clover, alfalfa and other crops should be studied and used in the most profitable manner.

The self-feeder is greatly reducing the labor cost in hog production. These have been usually furnished by allowing them free access to the following mixture:—

Charcoal.....buftel.....1
Hardwood ashes.....do.....1
Salt.....pounds.....8
Alfalfa.....do.....8
Sulphur.....do.....8
Pulverized copperas.....do.....2

Mix thoroughly the lime, salt, and sulphur, and then mix with the charcoal and ashes. Dissolve the copperas in 2 parts of hot water and sprinkle over the whole, stirring it thoroughly. Keep some of this mixture in a box before the hogs at all times.

BROODY HENS BOTHERING

EGG LAYING CONTEST

Yield is However Far Ahead of Last Year.

The hens in the laying contest at Storrs ceased off a bit in the twentieth week. They laid 4533 eggs, nearly 200 less than for the preceding week but 420 more than for the third week in May last year. There are some good birds and good layers in the White Rock class, still no entry of this variety has been able to get first place until the current week when Albert T. Lenzon's pen from North Attleboro, Mass., led all other pens with a production of 19 eggs.

Some of Rhode Island Reds owned by Homer P. Deming, Winsted, Conn., and Laurel Hill Farm, Bridgeport, R. I.

HEADACHE

Sick or nervous headaches always result from a torpid liver or a disordered stomach—treat the liver, or sweeten the stomach, and the head is cured. The secret way is to take

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